

Title (en)
FUEL INJECTION PUMP

Title (de)
BRENNSTOFFEINSPRITZPUMPE

Title (fr)
POMPE D'INJECTION

Publication
EP 1253313 A1 20021030 (EN)

Application
EP 01901564 A 20010130

Priority
• JP 0100600 W 20010130
• JP 2000022339 A 20000131

Abstract (en)
A fuel injection pump, comprising a cam shaft (7) driving a plunger (4) and a feed pump (3) assembled therein for feeding fuel pressured by the plunger (4), wherein a flange part (52) projecting radially is provided on the cam shaft (7), an internal gear (41) transmitting a power to the feed pump (7), and a housing member (8c) rotatably supporting the cam shaft (7) on the side opposite to the end part of the driven side of the cam shaft (7), and a housing member (8c) rotatably supporting the cam shaft (7) through a radial bearing (12) is held between the flange part (52) and the internal gear (41) so as to adjust the axial position of the cam shaft (7), and then a function to adjust the axial position of the cam shaft is substituted for the existing member assembled into the pump, whereby an axial gap due to a deterioration of durability of the bearing is eliminated to be adjusted so as to facilitate the assembly, reduce the number of parts, and reduce the size of the injection pump. <IMAGE>

IPC 1-7
F02M 59/44; **F02M 39/00**

IPC 8 full level
F02M 37/06 (2006.01); **F02M 39/00** (2006.01); **F02M 39/02** (2006.01); **F02M 59/08** (2006.01); **F02M 59/10** (2006.01); **F02M 59/44** (2006.01); **F02M 63/02** (2006.01); **F04B 1/02** (2006.01); **F04B 23/10** (2006.01)

CPC (source: EP KR US)
F02M 39/005 (2013.01 - EP US); **F02M 49/00** (2013.01 - KR); **F02M 59/08** (2013.01 - EP KR US); **F02M 59/102** (2013.01 - EP KR US); **F02M 59/44** (2013.01 - EP KR US); **F02M 63/0225** (2013.01 - EP KR US); **F04B 1/02** (2013.01 - EP KR US); **F04B 23/103** (2013.01 - EP KR US)

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Designated contracting state (EPC)
AT BE CH DE FR GB LI

DOCDB simple family (publication)
EP 1253313 A1 20021030; **EP 1253313 A4 20040616**; JP 2001214829 A 20010810; KR 20020084106 A 20021104; US 2003012660 A1 20030116; US 6769413 B2 20040803; WO 0157388 A1 20010809

DOCDB simple family (application)
EP 01901564 A 20010130; JP 0100600 W 20010130; JP 2000022339 A 20000131; KR 20027009844 A 20020731; US 18257402 A 20020731